

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
16 June 2005 (16.06.2005)

PCT

(10) International Publication Number
WO 2005/053675 A1

(51) International Patent Classification⁷: **A61K 31/343**,
A61P 3/04, A23L 1/29

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(21) International Application Number:
PCT/KR2004/003169

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(22) International Filing Date: 3 December 2004 (03.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10-2003-0087275
3 December 2003 (03.12.2003) KR

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,
MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH,
PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

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Published:

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: A COMPOSITION COMPRISING THE ALCOHOL COMPOUND ISOLATED FROM THE EXTRACT OF CUCUR-
BITACEAE FAMILY PLANT HAVING ANTI-ADIPOGENIC AND ANTI-OBESITY ACTIVITY

(57) Abstract: The present invention is related to an alcohol compound isolated from the extract of Cucurbitaceae family plant
having anti-adipogenic and anti-obesity activity, and a composition comprising the same. The compound showed potent reducing
activity of body weight, decreasing effect on the blood triglyceride and cholesterol level, activating activity of PPAR alpha and
preventing activity from the adipogenesis of precursor fat cells with no toxicity, therefore, those compound can be useful in treating
or preventing obesity and adipogenesis-involved diseases as a medicine or health care food.



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